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		SHEET			ey Docket No.	YAO-3750US3		
18	1	Document Number	0.3. FAT	ENT	OCOMENTS		Page Calum 11	
Examiner Initials*	Cite No.1	Number - Kind Code ^{2 (if known)}	Publication (MM-DD-Y		Name Applicant	of Patentee or of Cited Document	Pages, Columns, Lines, V Relevant Passages or Rel Figures Appear	
TH	1	US-5,452,312	09-19-199	95	Yamamoto		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
M	Ι\	US-5,295,218	03-1994		Agostinelli			
arr	11_	US-5,113,524	05-1992		Hirota			
See.	11	US-4,907,238	03-1990		Chun			
in		US-4,667,331	05-1987		Alferness			
(M)	$\vdash \downarrow$	US-5,614,961	03-1997	·	Gibeau			
<u></u>	+	US-4,665,529	05-12-198		Baer, et al.			
- cn	\vdash	US-5,036,220	07-30-199		Byer, et al.			$\overline{}$
SUS	L'	US-5,303,247	04-12-199		Yamamoto,			_
		F	OREIGN PA	ATEN	T DOCUMEN	TS		
Examiner Initials*	Cite	Foreign Patent Docum Country Code ³ - Number ⁴ - Kind			blication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	
77	1	JP 6-18823 U		1 (1)	<u>-</u>	Document	Figures Appear	T⁵
7111	1	JP 08-194196			-11-1994	Full- 14d	\	
4:3	 	JP 2-199975			-30-1996 -08-1990	Fujitsu, Ltd. Sony Corp.	 \ 	
W	 	JP 2-221995		o	·04-1990		 	
ANT.		JP 3-191332			-21-91	Sony Corp. Matsushita Elec.	+-\	H
and	H-	JP 3-38984		02-	-20-91	Ind. Co., Ltd. Pioneer Electronic	 \ 	
		JP 4-100088		+	00.00	Corp.		
M	 	JP 4-18823		→-	02-92	Sony Corp.	<u> </u>	
ON				02-	·17-92	Asahi Glass Co., Ltd.		
ph		JP 4-296731		10-	21-92	Matsushita Elec. Ind. Co., Ltd.		
Lor		JP 4-315120		11-	6-92	Matsushita Elec. Ind. Co., Ltd.		
414		JP 4-45478		2-1	4-92	Ibiden Co., Ltd.		
Ly		JP 4-507299		12-	17-92	Board of Trustees of Leland Stanford Jr. Univ.		ō
ni		JP 5-107421		4-3	0-93	Fujitsu, Ltd.	 	\vdash
Cap	1	JP 5-173094		7-1	3-93	Matsushita Elec. Ind.	 	븁

9/2/05 Signature Considered *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

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(**continued on page 2**)

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PTO/SB/08a (08-03) (AW 10/2003)
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Substitute for Form 1449A/PTO			Complete if Known						
				Application Number To Be Assigned			-		
INFORMATION DISCLOSURE			Filing Date First Named Inventor Art Unit		Herewith Kazuhisa Yamamoto, et al. To Be Assigned				
STATEMENT BY APPLICANT (Use as many sheets as necessary)									
	SHEET 2 of 3			Attorney Docket No. YAO-3750US3					
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		Document Number					Pages, Columns, Lines, V	Where	
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Examiner Initials*	Cite	Foreign Patent Docume Country Code ³ - Number ⁴ - Kind			olication Date	Name of Patentee or Applicant of Cited	Passages or Relevant		
W	1.0.	JP 5-232536			M-DD-YYYY) .993	Document	Figures Appear	Τ ⁶	
M	1	JP 61-22518			1-86	Sony Corp.		-	
ne		JP 6-148444		_	7-94	Fujitsu Ltd.	+\	 	
QN		JP 62-274788		11-	28-87	Spectra -Physics, Inc.		ö	
W		JP 6-265956			2-94	Fuji Photo Film Co., Ltd.		Ο.	
QM.		JP 6-273814		9-30-94 Matsushita Elec. Ind. Co., Ltd.					
Zur		JP 6-350168		12-	22-94	Hitachi Metals, Ltd.			
No.	-	JP 7-15077			995				
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Substitute for Form 1449B/PTO	Complete if Known				
	Application Number	To Be Assigned			
INFORMATION DISCLOSURE	Filing Date	Herewith			
STATEMENT BY APPLICANT	First Named Inventor	Kazuhisa Yamamoto, et al.			
(Use as many sheets as necessary)	Art Unit	To Be Assigned			
	Examiner Name	To Be Assigned			
SHEET 3 of 3	Attorney Docket No.	YAO-3750US3			

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
én		MIZUUCHI, K., et al., "Second-Harmonic Generation of Blue Light in a LiTa0 ₃ Waveguide", <u>Applied Physics Letters</u> , Vol. 58, No. 24, pp. 2732-2734 (1991).	
lon		International Search Report corresponding to PCT/JP96/01472 dated 10/8/96.	P
		Chinese Office Action dated July 10, 2003.	4
Th.		AHLFELDT, H., et al., "Postfabrication Changes and Dependence on Hydrogen Concentration of the Refractive Index of Proton-Exchanged Lithium Tantalate Waveguldes", pp. 717-727 (January 15, 1994).	
			0
xaminer Signature		July Date Considered 1/2/05	

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